MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Trade Name:	**CLEANJET CS**
MSDS ID:	**1894112**
Approved for Sale:	USA & Canada
Chemical Family:	Mixture
Product Use:	Machine Cleaning Mixture
OSHA/WHMIS Hazardous Substance:	Yes
WHMIS Hazard Class:	D2B

HMIS Rating: ***Health:*** 2 ***Flammability:*** 1 ***Reactivity:*** 0 ***Protective Equipment:*** J

MSDS Request Line: (336) 801-2929
Ciba Specialty Chemicals
4050 Premier Drive
High Point, North Carolina 27265

Emergency Telephone: 1-800-873-1138
Revision Date: 02/13/2002
Sections Revised: 1,15
Prepared by: Product Stewardship Team

2. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Ingredients:

2-Phenoxy ethanol 1-5%
122-99-6

OSHA PEL (mg/m3):	Not established
ACGIH TLV (mg/m3):	Not established
NTP Carcinogen:	Not Listed
IARC Carcinogen:	Not Listed
Dermal Toxicity:	Not evaluated
Ingestion Toxicity:	Not evaluated
Inhalation Toxicity:	Not evaluated

3. HAZARDS IDENTIFICATION

Primary Route(s) of Exposure: Inhalation, skin contact and eye contact.
Effects of Overexposure: An ingredient(s) in this product is an eye irritant.

4. FIRST AID MEASURES

First Aid for Eyes: Flush eye with water for at least 15 minutes. Get medical attention.
First Aid for Skin: Wash with mild soap and water. If irritation occurs get medical attention. If clothing is contaminated, remove and wash before reuse.
First Aid for Inhalation: Remove to fresh air. Get medical attention.
First Aid for Ingestion: Do not induce vomiting. If conscious, rinse mouth thoroughly with water. Drink a moderate amount of water (250-300 ml; 8-10 ozs). Get medical attention. If unconscious, do not give anything to drink Get immediate medical attention.

5. FIRE FIGHTING MEASURES

Fire and Explosion Hazards: No unusual hazards.

Flash Point:	> 100 C (212 F)
Test Method (for Flash Point):	ASTM D56 (Tag Closed Cup)
Flammable Limits in Air-Lower:	Not evaluated
Flammable Limits in Air-Upper:	Not evaluated
Extinguishing Media:	Carbon dioxide, dry chemical, foam, water.
Special Fire Fighting Procedures:	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes .
Hazardous Combustion Products:	Burning may produce oxides of carbon or nitrogen.
Auto-Ignition Temperature:	Not evaluated
Conditions of Flammability:	None known
Sensitivity to Mechanical Impact:	Not evaluated
Sensitivity to Static Discharge:	Not evaluated

6. ACCIDENTAL RELEASE MEASURES

Spill Procedures: Soak up with inert absorbent material. Shovel into closable container for disposal. Wear protective equipment specified (Section 8).

Emergency Response Guidebook Guide Number: None

7. HANDLING AND STORAGE

Product Label Information

WARNING! Causes eye irritation. Avoid contact with eyes. Keep container closed. Wash thoroughly after handling. For industrial use only.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory Protection:	Use NIOSH approved respirator (particulate Type N99) where there is likelihood of inhalation of the product mist. All respirator use must be controlled by a program which conforms to the requirements of 29 CFR1910.134.
Protective Gloves:	Wear impervious gloves as a standard handling procedure.
Eye Protection:	Wear splash-proof chemical goggles.
Emergency Response Protection:	No additional specialized equipment should be required.
Other Protective Equipment:	Wear appropriate equipment to prevent probability of exposure and personal contact. Deluge safety shower and eye wash should be located near work area.
Ventilation:	Local exhaust recommended, mechanical exhaust acceptable.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor:	Liquid; yellow; aromatic odor
Boiling Point:	Approximately 100 C (212 F)
Decomposition Temperature:	Not evaluated
Evaporation Rate:	Not evaluated
Freezing / Melting Point:	Not evaluated
pH:	6.5-7.5 @ 10 g/l water
Solubility:	Miscible
Specific Gravity:	Not evaluated
Density:	1.02 g/cm3 @ 20C
Vapor Density:	Not evaluated
Vapor Pressure:	23 hPa @ 20C
Partition Coefficient (Oil/Water):	Not evaluated

10. STABILITY AND REACTIVITY

Stability: Stable

Incompatibility: Strong oxidizing agents.
Hazardous Polymerization: Will not occur
Conditions of Reactivity: None known

11. TOXICOLOGICAL INFORMATION

LD50 Dermal: Not evaluated
LD50 Ingestion: LD50 > 5,000 mg/kg (Rat)*
Eye Irritation: The product has not been evaluated, however, a component(s) in greater than 1 percent concentration is known to be an irritant.
Skin Irritation: (Rabbits) Not an irritant*
Skin Sensitivity: Not evaluated
LC50 Inhalation: Not evaluated
Carcinogenicity: Not evaluated
Mutagenicity: Not evaluated.
Teratogenicity: Not evaluated
Reproductive Toxicity: Not evaluated
Subacute Oral Toxicity (Rat): Not evaluated.
Additional Health Data: *Note: The above data based on known component information.

12. ECOLOGICAL INFORMATION

Biochemical Oxygen Demand (5-Day): 0 mg/g*
Chemical Oxygen Demand: 80 mg/g*
Fish Toxicity: LC50 > 500 mg/l (Rainbow Trout) 96 hr*
Effect on Waste Treatment Bacteria: Not evaluated
Activated Sludge Respiration Inhibition Test: IC50 > 500 mg/l (3hr)*
Tox Synergistic Materials: Not evaluated
Additional Environmental Data: *Note: The above data based on known component information.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods: Bury or incinerate in approved site or facility in accordance with local, state and federal regulations.
Container Reuse: Emptied container may contain product residue and should not be reused.

14. TRANSPORT INFORMATION

U.S. Department of Transportation (DOT): Not Regulated
International Air Transportation Authority (IATA): Not Regulated
International Maritime Dangerous Goods (IMDG): Not Regulated
Canadian Transportation of Dangerous Goods (TDG): Not Regulated

15. REGULATORY INFORMATION

Canadian DSL Status: Not all components are listed on the Canadian DSL
CBI Exemption Registry Number: Not applicable. **Date Filed:** Not Applicable
Exemption Claim Granted: Not applicable.
TSCA Status: All components are listed in TSCA inventory.

CERCLA Status: SEQ548, Glycol ethers is a listed hazardous substance.
Contains Copper Compound(s). For reportable quantity see 40 CFR 302.

RCRA Status: Not a hazardous waste under RCRA (40 CFR 261).
SARA 311/312 Status: Immediate

SARA 313 Status:	Glycol ethers, SEQ548, Percent: 1.70
Clean Air Act:	Maximum Potential Volatile Organics: 1.85 %
Clean Water Act Status:	Copper complex dye is a listed priority pollutant.
Other Regulatory Information:	None
Chemical Weapons Convention	Not Regulated.

16. OTHER INFORMATION

State Right to Know Information:

State Listed Hazardous Ingredients:
Glycol ether within the following states: PA-RTK

Other Ingredients - Disclosure as required by PA State:
Water, 7732-18-5, Water

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MSDS Fax Line: (336) 801-3086
MSDS Request Line: (336) 801-2929
E-Mail address format: firstname.lastname@cibasc.com

Product Safety, Regulatory and Environmental Information
(336) 801-2618

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind expressed or implied is made with respect to the information contained herein. This material safety data sheet was prepared to comply with the OSHA Hazard Communication Standard, (29 CFR 1910.1200).